

# 2007 Daily Values

## MISSISSIPPI RIVER AT L&D 27 (UPPER) GRANITE CITY, IL (MI7P/0185A)

Location: LAT. 38-42-10, LONG. 90-10-50, IN UPPER END OF LOCK GUIDE WALL, AT MILE 185.3 ABOVE THE MOUTH OF THE OHIO RIVER.

Gage: STAFF GAGE FLOAT WELL AND G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM. OWNED, OPERATED AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS.

General Information: DRAINAGE AREA, APPROX. 696,910 SQUARE MILES. NOTE#1: THE 4,000 SQUARE MILES IN GREAT DIVIDE BASIN ARE NO LONGER INCLUDED. NOTE#2: THE CHAIN OF ROCKS LOW-WATER DAM WAS PUT IN OPERATION ON FEB. 20, 1964\*.

Records Available: ELEVATION, MAY 1951 TO DATE, IN FILES OF CORPS OF ENGINEERS.

Mean Elev: PERIOD OF RECORD, 403.36 FT . 01 JAN 1965 TO DATE, 404.65 FT .

Extreme Elev: PERIOD OF RECORD, DAILY HIGH OF 437.25 FT ON 01 AUG 1993 & PERIOD OF RECORD, DAILY LOW OF 388.95 FT ON 28 JAN 1954 . 01 JAN 1965 TO DATE, DAILY LOW OF 394.71 FT (ICE/SHORE ICE) ON 11 FEB 1977 .  
(NOTE: 1965 TO PRESENT RECORD LOW OF 394.55 FT ON 11 FEB 1977 AT 0915).

Zero Gage Datum: 350.00 ft NGVD. NOTE: SUBTRACT DATUM FROM ELEVATION TO OBTAIN STAGE.

ALL VALUES RECORDED AT 8AM. ELEVATION IN FT:

Day	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	401.38	399.80	406.36	410.64	413.49							
2	401.00	399.89	406.90	410.81	413.07							
3	400.98	399.67	409.01	410.74	412.78							
4	401.06	399.15	409.33	411.51	412.92							
5	401.48	398.41	407.25	412.39	413.11							
6	402.01	398.25	406.26	412.63	412.30							
7	401.87	398.05	405.07	412.31	411.40							
8	402.30	398.09	404.15	411.75	410.97							
9	402.63	398.11	403.34	411.29								
10	402.12	397.80	403.26	410.90								
11	402.08	397.82	402.81	410.75								
12	401.55	397.75	403.34	411.03								
13	F 401.00	398.36	404.95	411.19								
14	401.65	398.18	404.90	411.17								
15	402.28	397.94		412.26								
16	403.12	398.38	405.33	413.33								
17	402.18	398.91	406.21	413.00								
18	401.52	399.26	407.04	412.58								
19	401.19	399.65	407.45	412.12								
20	401.12	399.26	407.82	411.42								
21	400.68	398.77	408.25	410.59								
22	400.20	399.73	408.10	409.71								
23	400.17	400.13	408.59	409.14								
24	400.39	401.31	408.87	408.52								
25	400.08	404.90	408.90	407.71								
26	400.60	406.55	409.17	407.29								
27	400.78	407.30	409.57	407.50								
28	401.25	407.22	409.78	408.93								
29	399.62	----	409.67	411.75								
30	400.40	----	409.51	413.46								
31	399.59	----	410.09	----		----			----		----	
The following statistics are based on observations occurring in 2007 only.												
Mean	401.23	399.95	407.04	410.95	412.51							
Max	403.12	407.30	410.09	413.46	413.49							
Min	399.59	397.75	402.81	407.29	410.97							
Day	31	28	30	30	8	0	0	0	0	0	0	0

The Mean ELEV for the Year was: 405.33  
The Highest ELEV for the Year was: 413.49 which occurred on: 05-01-2007  
The Lowest ELEV for the Year was: 397.75 which occurred on: 02-12-2007  
The Total Number of Days for the Year was: 127

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.

Note:  
F = Not at Stated Time